

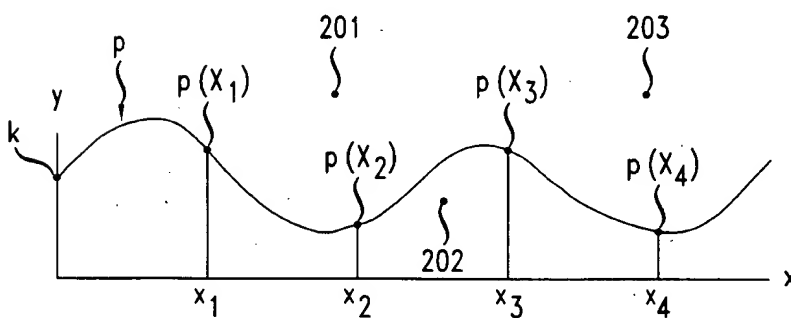
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FIG. 1

	1	2	3	4	5	6	7	8	9	10
$\Psi_1 \rightarrow 1$	✓	✓	✓	X	X	X	X	X	X	X
$\Psi_2 \rightarrow 2$	X	X	X	X	✓	✓	X	X	X	X
$\Psi_3 \rightarrow 3$	X	X	X	X	X	X	✓	✓	✓	X
$\Psi_4 \rightarrow 4$	X	X	✓	✓	X	X	X	X	X	X

100

FIG. 2



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FIG. 3

(1,1) 1	(1,2) 2	(1,3) 3	(1,4) 4
(2,1) 5	(2,2) 6	(2,3) 7	(2,4) 8
(3,1) 9	(3,2) 10	(3,3) 11	(3,4) 12
(4,1) 13	(4,2) 14	(4,3) 15	(4,4) 16

300

FIG. 4

$\psi_1 \rightarrow$	$E_{\psi_1} - \text{EXPECTED } (X_1, Y_1)$
$\psi_2 \rightarrow$	$E_{\psi_2} - \text{EXPECTED } (X_2, Y_2)$
	\vdots
$\psi_m \rightarrow$	$E_{\psi_m} - \text{EXPECTED } (X_m, Y_m)$

400

CONFIDENTIAL

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FIG. 5

	⁰ < t _i	¹ ≥ t _i
ψ ₁ → 1		
ψ ₂ → 2		
ψ ₃ → 3		
ψ ₄ → 4		
ψ ₅ → 5		
ψ ₆ → 6		
ψ ₇ → 7		
ψ ₈ → 8		
ψ ₉ → 9		
ψ ₁₀ → 10		
ψ ₁₁ → 11		
ψ ₁₂ → 12		
ψ ₁₃ → 13		
ψ ₁₄ → 14		
ψ ₁₅ → 15		

500

FIG. 6

SUCCESSFUL ACCESS ATTEMPT	MEASURED PARAMETERS
LAST	θ ₁ , θ ₂ , . . . θ _m
LAST-1	θ ₁ , θ ₂ , . . . θ _m
LAST-2	θ ₁ , θ ₂ , . . . θ _m
⋮	
LAST-n	θ ₁ , θ ₂ , . . . θ _m

600